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Research Notes : United States : The genomes of the genus Glycine

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1) The genomes of the genus *Glycine*

Based upon morphology, geographical distribution, isozyme studies and meiotic chromosome behavior in intra- and interspecific hybrids, we tentatively have assigned the following diploid ($2n=40$) genome designations to species in the genus *Glycine*.

| Species | Genome |
|---|-------------------------------|
| Subgenus <i>Glycine</i> | |
| 1. <i>G. argyrea</i> Tind. | - |
| 2. <i>G. canescens</i> F. J. Herm. | AA |
| 3. <i>G. clandestina</i> Wendl. (long pod) | - |
| <i>G. clandestina</i> Wendl. (intermediate pod) | A ₁ A ₁ |
| <i>G. clandestina</i> Wendl. (short pod) | BB |
| 4. <i>G. cyrtoloba</i> Tind. | CC |
| 5. <i>G. falcata</i> Benth. | - |
| 6. <i>G. latifolia</i> (Benth.) Newell & Hymowitz | B ₁ B ₁ |
| 7. <i>G. latrobeana</i> (Meissn.) Benth. | - |
| 8. <i>G. tabacina</i> (Labill.) Benth. | B ₂ B ₂ |
| 9. <i>G. tomentella</i> Hayata | DD |
| Subgenus <i>Soja</i> | |
| 10. <i>G. soja</i> Sieb. & Zucc. | GG |
| 11. <i>G. max</i> (L.) Merr. | GG |

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